

# PPLAGV8LCQPM

Propel ULL Multimode OM5 Cabled Module, 18x8 duplex LC Propel module on End A to 1x8f MPO /UPC non-pinned on End B, 144 fiber Plenum Trunk, Method A

- This component requires 36 lanes on the Propel Panel blade
- Ultra-low loss (ULL) with Method A polarity
- End A module can be installed from rear of panel
- Serialized QR code provides easy access to factory optical test results

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Fiber cabled module
Product Brand	Propel
Product Series	PPL
Ordering Note	For lengths greater than 999 ft (304 m), orders must be in meters   Maximum length is 400 meters

## General Specifications

Configuration Type	PROPEL Module to MPO Connector
Cable Color	Lime green
Cable Type	Trunk Cable - Plenum
Interface, front	LC/UPC
Interface Feature, front	Duplex   Shuttered
Interface Color, front	Lime green
Interface, rear	MPO-08/UPC Female
Interface Feature, rear	Key up/down   Unpinned
Module Size, end A	8 fiber
Module Size, end B	8 fiber
Module Quantity, end A	18
Module Quantity, end B	18
Polarity	Method A
Total Fibers, quantity	144
Total Ports, quantity, front	72

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## Dimensions

Height	11 mm   0.433 in
Width	65 mm   2.559 in
Depth	170 mm   6.693 in
Breakout Length, end B	12 in   120 in   33 in   36 in   48 in   60 in   72 in
Cable Assembly Length Range (m)	1 – 400
Cable Assembly Length Range (ft)	2 – 999

## Ordering Tree



## Optical Specifications

Fiber Mode	Multimode
Fiber Type	OM5
Insertion Loss, maximum	0.35 dB

## Environmental Specifications

Qualification Standards	IEC 61753-1   TIA-568.3-D
Safety Standard	c-UL-us

## Packaging and Weights

Packaging quantity	1
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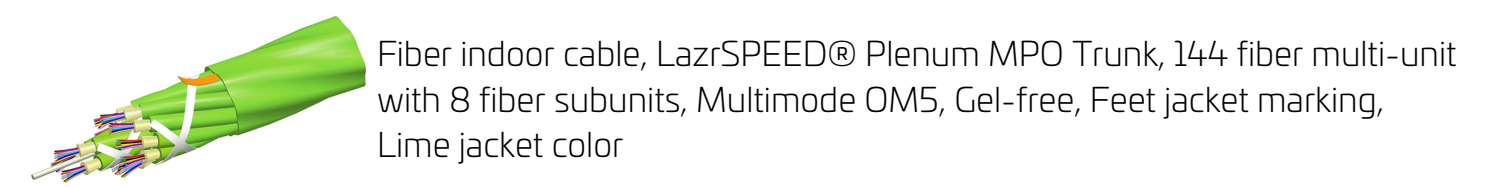
## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

760248196 P-144-MP-5G-F08LM/20T	– Fiber indoor cable, LazrSPEED® Plenum MPO Trunk, 144 fiber multi-unit with 8 fiber subunits, Multimode OM5, Gel-free, Feet jacket marking, Lime jacket color
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## Product Classification

Regional Availability	Asia   Australia/New Zealand   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Fiber indoor cable
Product Series	P-MP

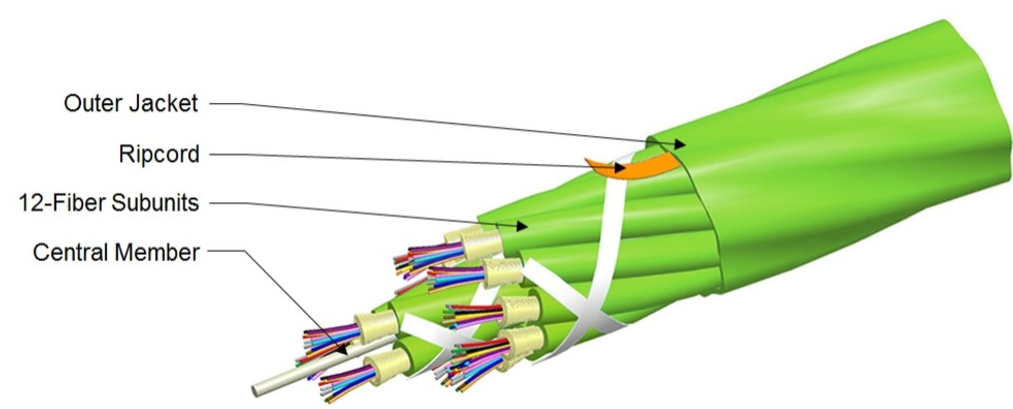
## General Specifications

Cable Type	MPO trunk cable
Construction Type	Non-armored
Subunit Type	Gel-free
Jacket Color	Yellow
Jacket Marking	Feet
Subunit, quantity	18
Fibers per Subunit, quantity	8
Total Fiber Count	144

## Dimensions

Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	12.4 mm   0.488 in

## Representative Image



## Mechanical Specifications

Minimum Bend Radius, loaded	18.6 mm   0.732 in
Minimum Bend Radius, unloaded	12.4 mm   0.488 in
Tensile Load, long term, maximum	200 N   44.962 lbf
Tensile Load, short term, maximum	667 N   149.948 lbf
Compression	10 N/mm   57.101 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	300 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 in lb
Impact Test Method	FOTP-25   IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33   IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85   IEC 60794-1 E7
Vertical Rise, maximum	95 m   311.68 ft

## Optical Specifications

Fiber Type	OM5, LazrSPEED® wideband
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## Environmental Specifications

Installation temperature	0 °C to +70 °C (+32 °F to +158 °F)
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)

Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Cable Qualification Standards	ANSI/ICEA S-83-596   Telcordia GR-409
Environmental Space	Plenum
Flame Test Listing	NEC OFNP (ETL) and c(ETL)
Flame Test Method	NFPA 130   NFPA 262

Environmental Test Specifications

Heat Age	0 °C to +85 °C (+32 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	0 °C to +70 °C (+32 °F to +158 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	0 °C to +70 °C (+32 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

Packaging and Weights

Cable weight	163 kg/km   109.531 lb/kft
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\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable